

In the Claims:

1. (currently amended) ~~Adhesive~~ An adhesive for medical patches or for transdermal therapeutic systems, said adhesive having a tackiness which is activated and/or increased by contact with moisture or by absorption of moisture, ~~[[and]]~~ said adhesive ~~being characterized in that it contains a~~ comprising at least one component ~~or a combination of at least two components, said component(s) being~~ selected from the group ~~comprising~~ consisting of (a) polyvinyl alcohols, (b) cellulose derivatives, (c) polyethers, (d) acid anhydrides ~~and their~~ including acids and salts of acid anhydrides, ~~as well as~~ and (e) non-pressure-sensitive polyacrylates, wherein at least two components ~~differing~~ differ from each other ~~in terms of their~~ by each being members ~~a member~~ of the classes a different class (a) to (e); and wherein ~~that the~~ the said adhesive possesses at least one of the features indicated in the following:
  - i) ~~it contains~~ at least one ~~[[a]]~~ film-forming polymer from the group of ~~[[the]]~~ non-pressure-sensitive polyacrylates ~~as component (e);~~
  - ii) ~~it contains~~ and at least one ~~or more~~ organic ~~[[acids]]~~ acid.
2. (currently amended) ~~Adhesive~~ The adhesive according to claim 1, ~~characterized in that it~~ wherein said adhesive contains at least one acid anhydride group-containing polymer or copolymer, ~~preferably from the group of the acid anhydride group-containing polyethers, as acid anhydride.~~
3. (currently amended) ~~Adhesive~~ The adhesive according to claim ~~[[1 or]]~~ 2, ~~characterized in that it contains a salt form or an acid form of~~ wherein said at least one acid anhydride group-containing polymer or copolymer is in a form selected from the group consisting of a salt form and an acid form.
4. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 3,~~ claim 1, ~~characterized in that it~~ wherein said adhesive contains at least one ~~or more~~ ~~polymers~~ polymer from the class of the polyvinyl alkyl ethers, ~~the alkyl group preferably containing~~ and contains 1–20 C atoms.
5. (currently amended) ~~Adhesive~~ The adhesive according to claim 4, ~~characterized in that it~~ wherein said adhesive contains at least one ~~or more~~ ~~polymers~~ polymer selected from the group ~~comprising~~ consisting of polyvinyl methyl ether, polyvinyl ethyl ether, polyvinyl isobutyl ether and polyvinyl cyclohexyl ether.
6. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 5,~~ claim 1, ~~characterized in that it~~ wherein said adhesive contains at least one ~~or more~~ ~~polymers~~ polymer selected from the group of the polyvinyl alkyl ether copolymers;

~~preferably copolymers containing a carboxylic acid anhydride as comonomer, with particular preference a copolymer of methyl vinyl ether and maleic acid anhydride.~~

7. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 6,~~ characterized in that it claim 1, wherein said adhesive contains at least one or more polyvinyl alcohol(s) alcohol.

8. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 7,~~ characterized in that it claim 7, wherein said adhesive further contains polyvinyl alcohol(s) and at least one polymethyl vinyl ether-polymaleic acid anhydride copolymer, the polyvinyl alcohol portion amounting to 1-80%-wt., ~~preferably 5-55%-wt.,~~ relative to the sum of ~~[[these]]~~ said two polymer components.

9. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 8,~~ characterized in that it claim 1, wherein said adhesive contains at least one cellulose derivative, ~~preferably~~ selected from the group ~~comprising~~ consisting of hydroxypropyl methyl cellulose, hydroxypropyl cellulose, sodium carboxymethyl cellulose, methyl cellulose, hydroxyethyl cellulose and hydroxypropyl ethyl cellulose.

10. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 9,~~ characterized in that it claim 1, wherein said adhesive contains at least one component selected from the group ~~comprising~~ consisting of polyvinyl pyrrolidones, gelatine, starch and starch derivatives.

11. (currently amended) ~~Adhesive~~ The adhesive according to ~~one or more of the preceding claims, characterized in that it~~ claim 1, wherein said adhesive additionally contains at least one or more pressure-sensitive adhesive ~~polymers preferably polymer~~ selected from the group ~~comprising~~ consisting of polyacrylates, polyisobutylenes, polyisoprenes, silicone adhesives and hot melt pressure-sensitive adhesives, ~~and the portion of the wherein the portion of said~~ moisture-activatable, non-pressure-sensitive adhesive components ~~preferably being~~ is 40-60%-wt.

12. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of the preceding claims, characterized in that it~~ claim 1, wherein said adhesive contains at least one film-forming polymer selected from the group of the polyacrylates and at least one polymethyl vinyl ether-polymaleic acid anhydride copolymer, the polyacrylate portion being 25-95%-wt., ~~preferably 50-80%-wt.,~~ relative to the sum of ~~[[these]]~~ said polymer components.

13. (currently amended) ~~Adhesive~~ The adhesive according to ~~one or more of the preceding claims, characterized in that the~~ claim 1, wherein said at least one organic

[[acid(s)]] acid is ~~is/are~~ selected from the group ~~comprising~~ consisting of saturated alkanolic monocarboxylic acids, saturated alkanolic dicarboxylic acids and hydroxyalkanoic acids.

14. (currently amended) ~~Adhesive~~ The adhesive according to ~~one or more of the preceding claims, characterized in that it~~ claim 1, wherein said adhesive contains a cellulose derivative, ~~preferably sodium carboxymethyl cellulose, as well as~~ and an organic acid, ~~preferably a carboxylic acid.~~

15. (currently amended) ~~Medical~~ A medical patch or transdermal therapeutic system, ~~characterized in that it is provided with~~ comprising at least one moisture-activatable adhesive matrix layer ~~which contains~~ comprising an adhesive according to ~~any one of claims 1 to 14~~ claim 1.

16. (currently amended) ~~Transdermal~~ The transdermal therapeutic system according to claim 15, ~~characterized in that the~~ wherein said matrix layer contains at least one active substance.

17. (currently amended) ~~Transdermal~~ The transdermal therapeutic system according to claim 16, ~~characterized in that the~~ and further comprising an overlying patch for connecting said active substance-containing matrix layer ~~is connected with an overlying patch, [[the]]~~ said overlying patch ~~preferably being provided with~~ comprising a pressure-sensitive adhesive polymer layer.

18. (currently amended) The use of an adhesive according to ~~any one of claims 1 to 14~~ claim 1 for the manufacture of a product selected from the group consisting of a medicinal patch ~~[[or of]]~~ and a transdermal therapeutic system.

19. (new) The adhesive according to claim 2, wherein said at least one acid anhydride group-containing polymer or copolymer is an acid anhydride group-containing polyether.

20. (new) The adhesive according to claim 19, wherein said acid anhydride group-containing polyether is acid anhydride.

21. (new) The adhesive according to claim 6, wherein said at least one polymer is selected from the group consisting of a copolymer of methyl vinyl ether and maleic acid anhydride.

22. (new) The adhesive according to claim 8, wherein said polyvinyl alcohol portion is amounts to 5-55% - wt. relative to the sum of said polymer components.

23. (new) The adhesive according to claim 12, wherein said polyacrylate portion of said adhesive is 50-80% - wt. relative to the sum of said polymer components.

24. (new) The adhesive according to claim 14, wherein said cellulose derivative is sodium carboxymethyl cellulose and said organic acid is a carboxylic acid.